

P07 41795



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

June 21, 2000

In re application of: Carol W. Readhead, Robert Winston,
H. Phillip Koeffler and Carsten Müller
Serial No.: 09/292,723
Filed on: April 15, 1999
Title: TRANSFECTION, STORAGE AND TRANSFER OF MALE GERM
CELLS FOR GENERATION OF TRANSGENIC SPECIES &
GENETIC THERAPIES

Examiner: Unknown
Group: 1632

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D. C. 20231

Attention: Drawing Review Branch

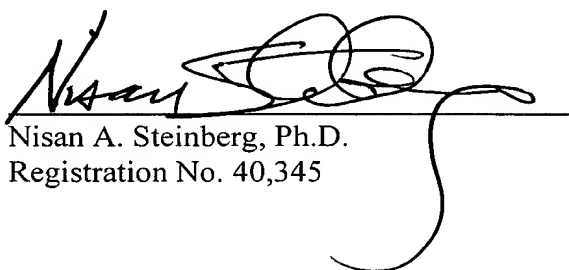
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO DRAWING REVIEW BRANCH, THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D. C. 20231.
ON June 21, 2000
DATE
BY ANN WEISS
June 21, 2000
(DATE OF SIGNATURE)

Sir:

Transmitted herewith for filing in the above-identified application are nine sheets of formal drawings.

Respectfully submitted,

PRETTY, SCHROEDER & POPLAWSKI, P.C.


Nisan A. Steinberg, Ph.D.
Registration No. 40,345

NAS:aw
Enclosure

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JUL 07 2000
TECH CENTER 1600/2000

Cyclin A1 promoter fragment
(-1299 +144)

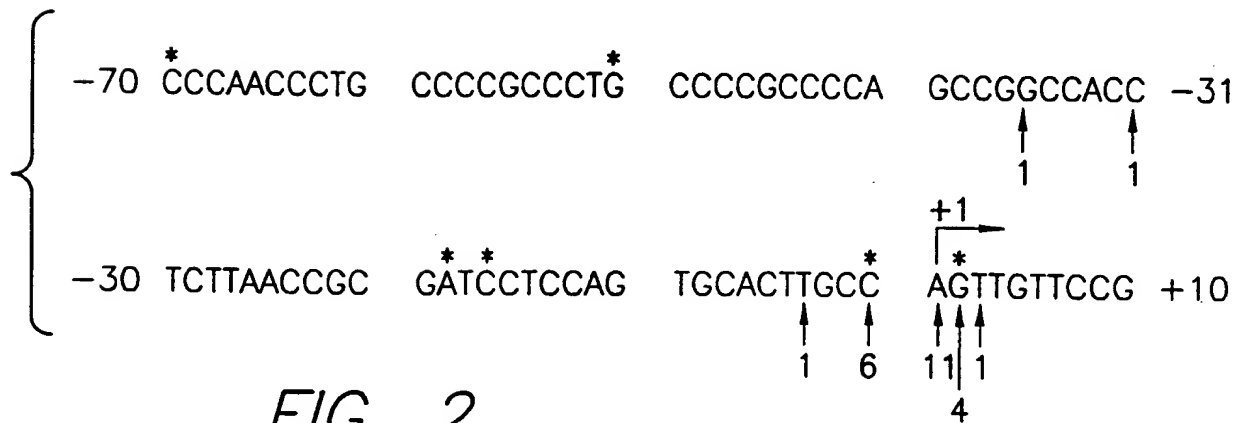
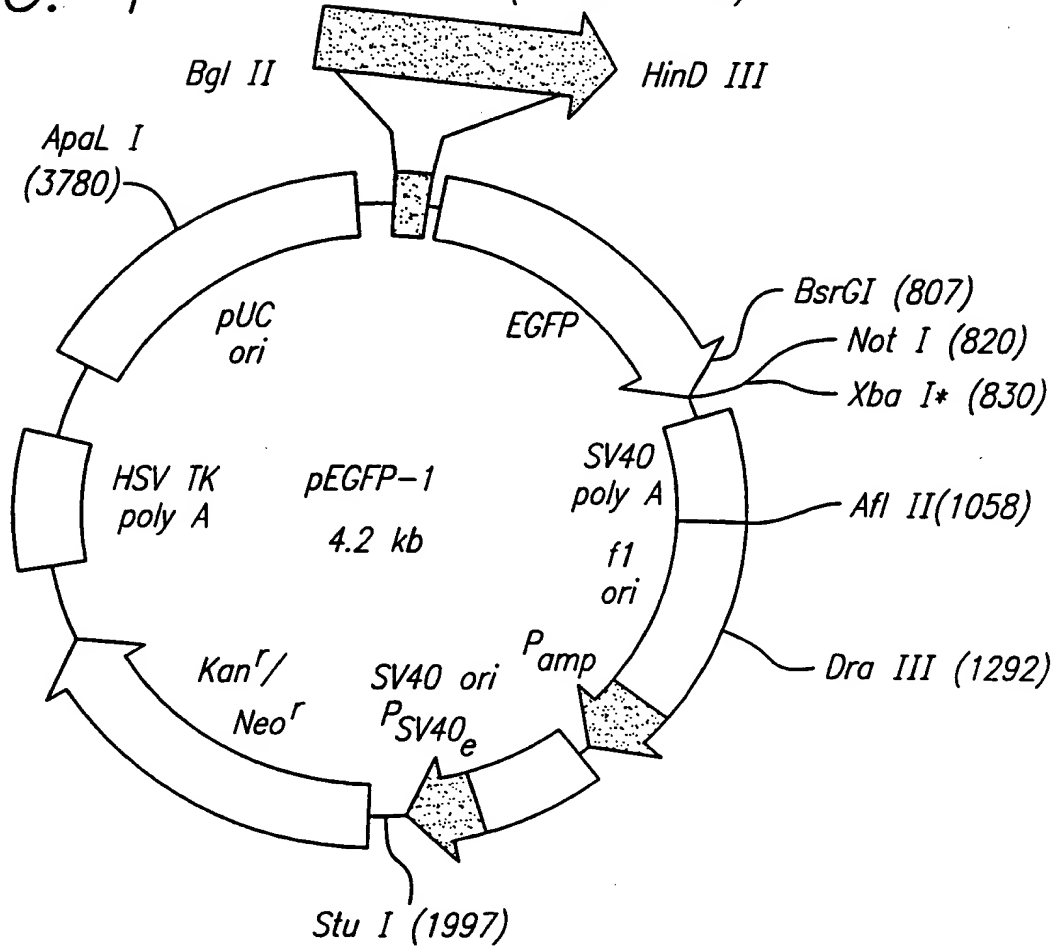


FIG. 2

FIG. 3

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 -1199 TTTTAAAAAA ATAAAGTTCG ATTATTTTAC CTGGCTTGTC AGTCACCTAT
 -1149 GCAGGCGTCT GAGCCCCCGG GTTTCCAGGA GCCCCCCGTA TAAGGACCCC
 -1099 AGGGACTCCT CTCCCCACGC GGCCGGGCGG CCCGCCCGGC CCCAGCCCCG
 -1049 GAGAGCTGCC ACCGACCCCC TCAACGTCCC AAGCCCCAGC TCTGTCGCCC
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 -0899 AGCACGACGT GCGACCTAA ATCCCCACAT CTCCTCTGCC GCCTCGCAGG
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 -0799 GCGATGGAGA CGCAACACTG CCGCGACTGC ACTTGGGGCA GCCCGCCGC
 -0749 GTCCAGCCG CCTCCCGGCA GGAAGCGTAG GTGTGTGAGC CGACCCGGAG
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 -0549 ACGGAAACAG TCCCTTCCAA AGCCGGGGCC ATCGTGGGGT GGGCGAGTCC
 -0499 GCCCTCCAG GCCGGGGGCG CGGACCAGAG GGGACGTGTG CAGACGGCCG
 -0449 CGGTCAGCCC CACCTCGCCC GGGCGGAGAC GCACAGCTGG AGCTGGAGGG
 -0399 CCGTCGCCCG TTGGGCCCTC AGGGGCCTGA ACGCCAGGGG GTCGCGGCGA
 -0349 GTCCACCCGG AGCGAGTCAG GTGAGCAGGT CGCCATGGCG ATGCGGCCCC
 -0299 GGAGAGCGCA CGCTGCCGC GGTCGGCATG GAAACGCTCC CGCTAGGTCC
 -0249 GGGGGCGCCG CTGATTGGCC GATTCAACAG ACGCGGGTGG GCAGCTCAGC

-190 -160
 -0199 CGCATCGCTA AGCCCCGGCG CTTCCAGGC TGAATCCCT CGACACTTGG
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 -120 -112
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 GC-box 5 GC-box 4
 -0099 CCTGCCGCG CCGGCCCGGC CCGGCCCTGC CCAACCCTGC CCGCCCTGC
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 -37 +1
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 GC-box 1 Myb
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 Myb GATA-1 ets
 +0053 GGGTCCAGGC AGGTTTTGGG GCCTCCTGTC TGGTGGGAGG AGGCCGCAGC
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 +0103 GCAGCACCT GCTCGTCACT TGGGATGGAG ACCGGCTTTC CGCAATCAT
 E2F

FIG. 4

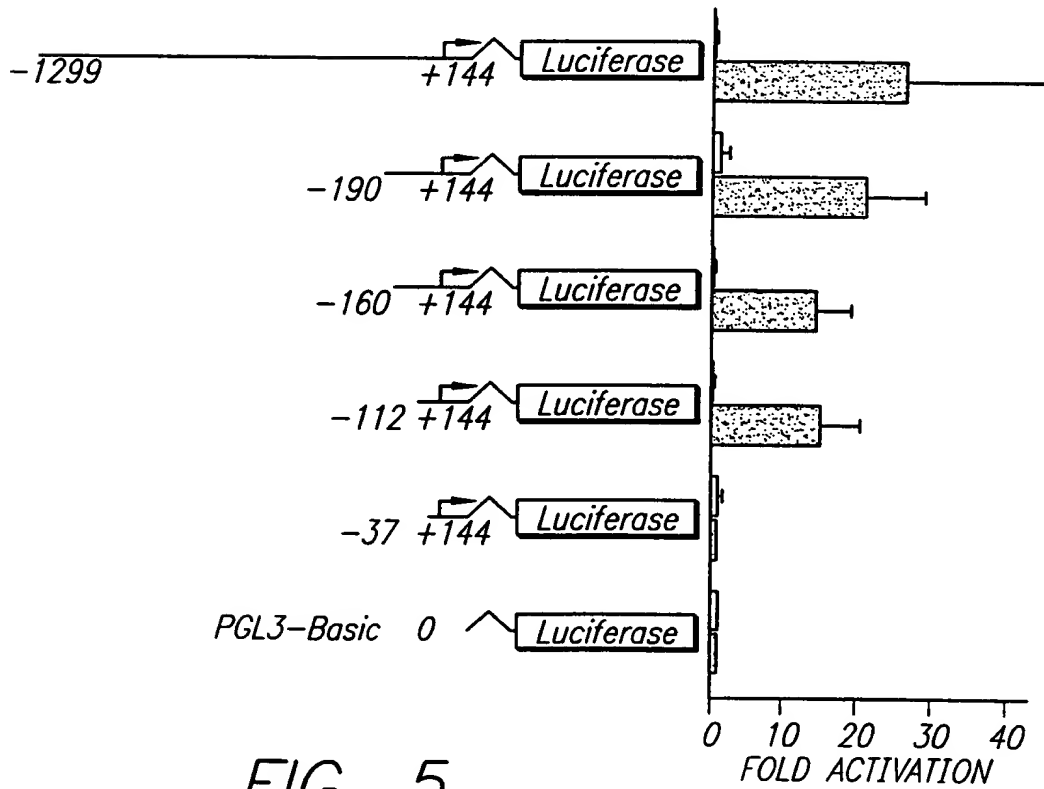
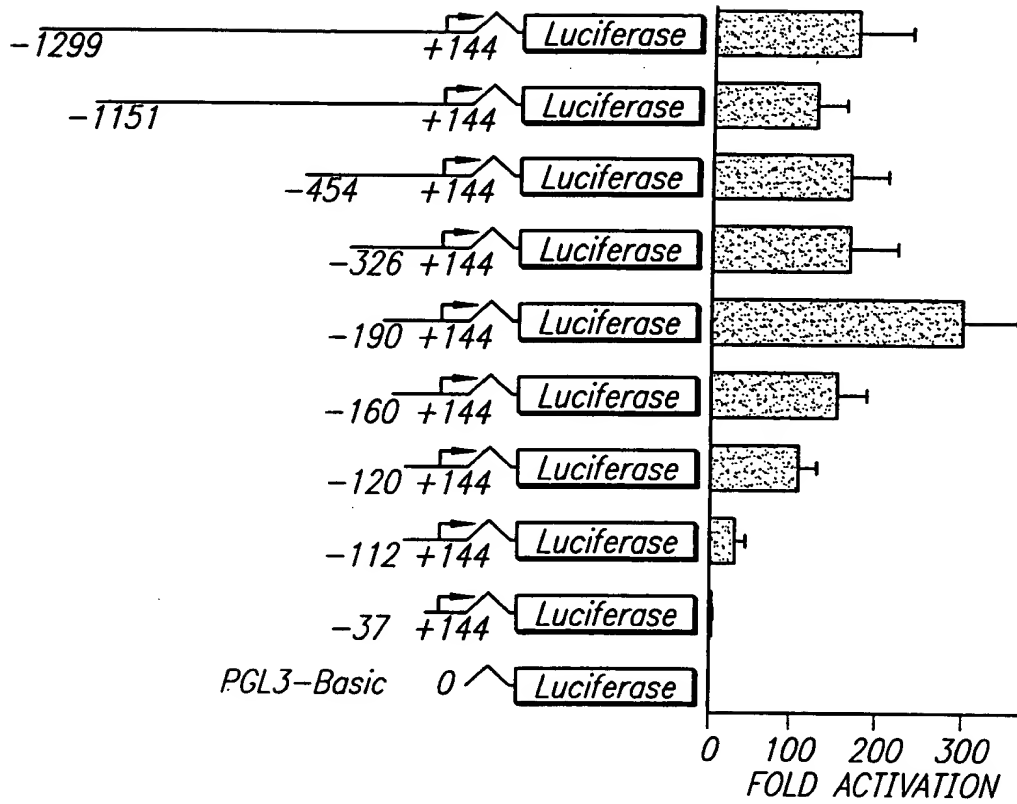


FIG. 5

FIG. 6

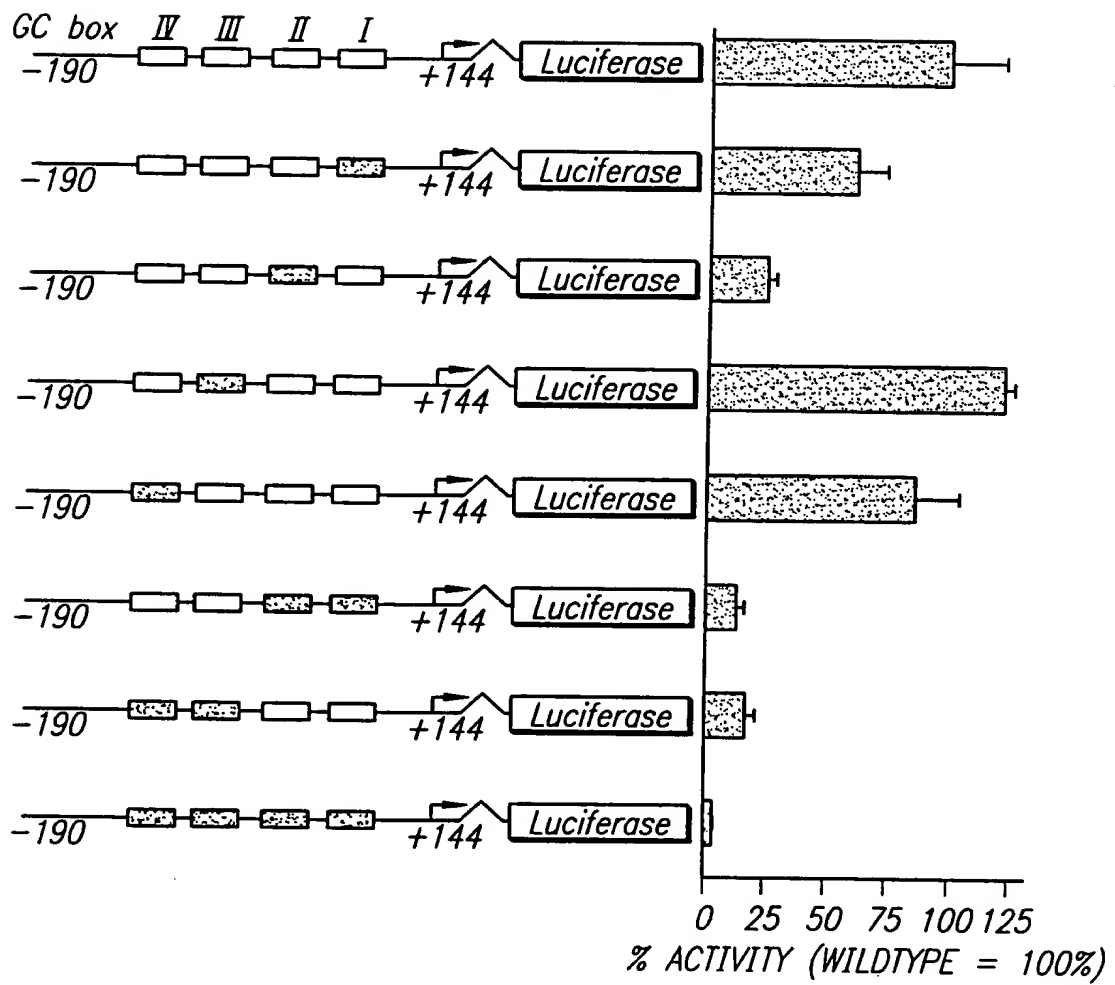
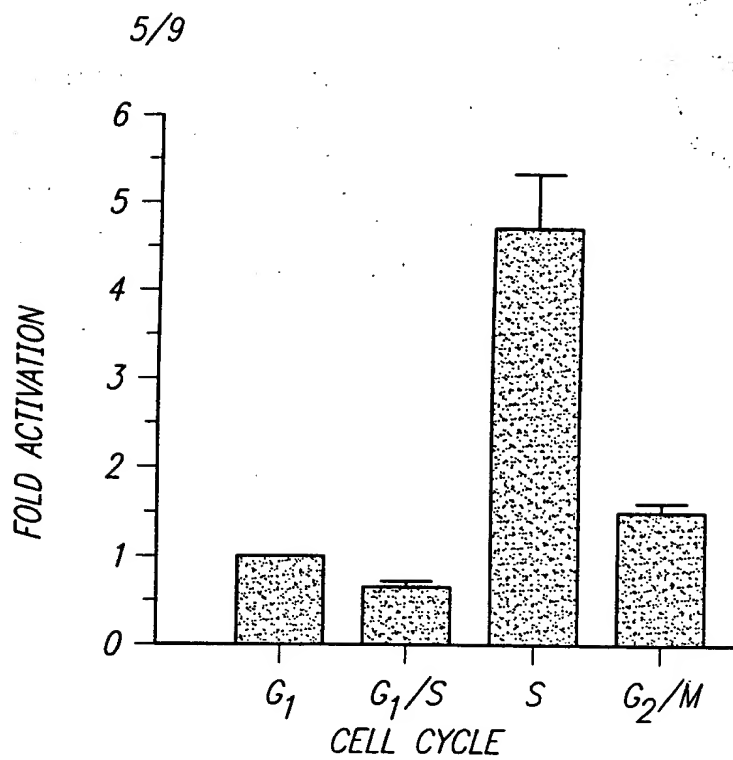


FIG. 7a



FOLD ACTIVATION (ACTIVITY AT 0 h=1)

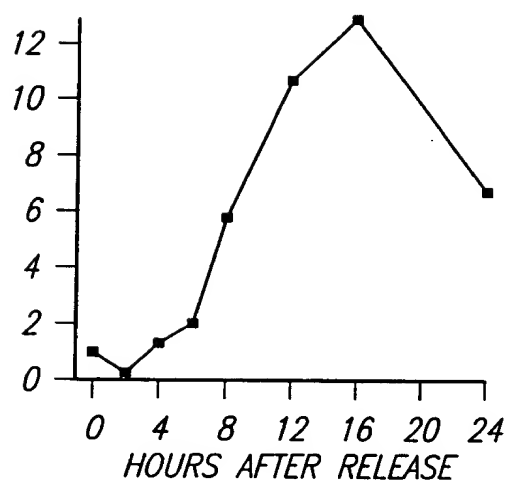


FIG. 7b

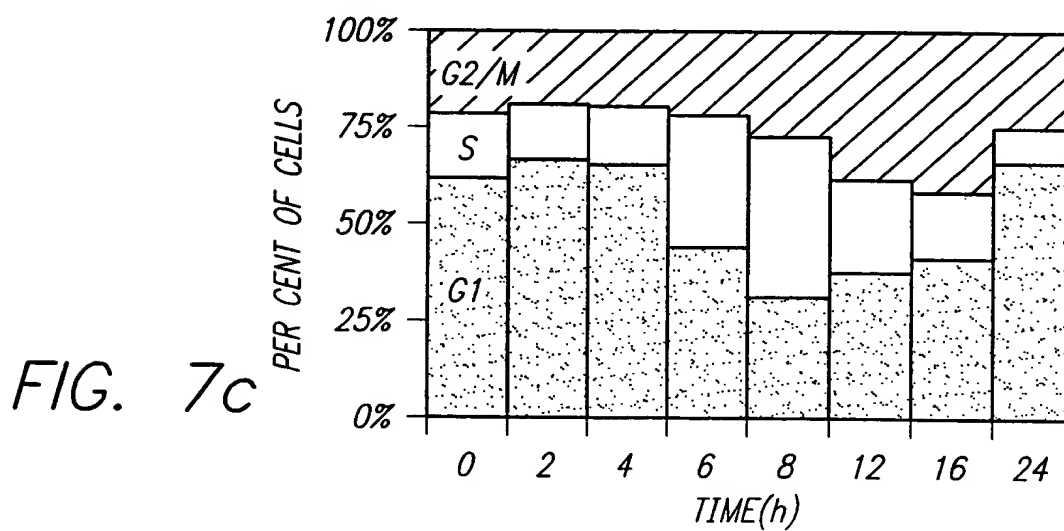


FIG. 8a

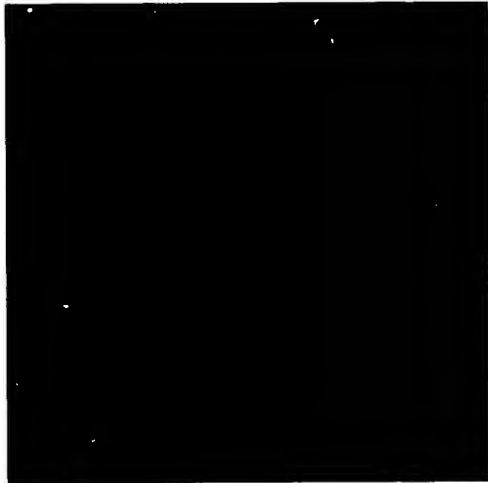


FIG. 8b

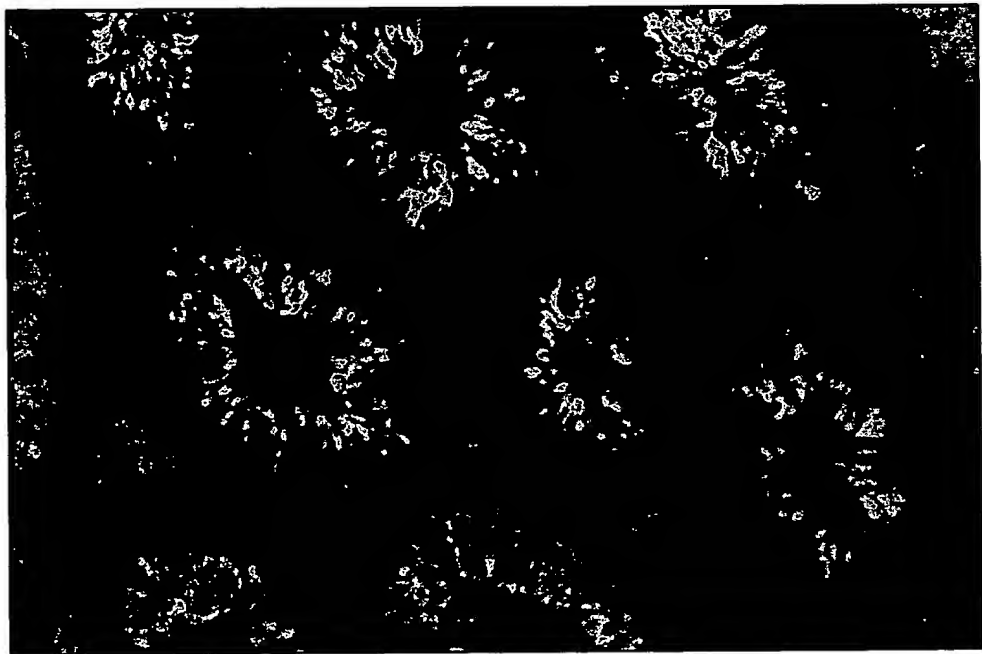
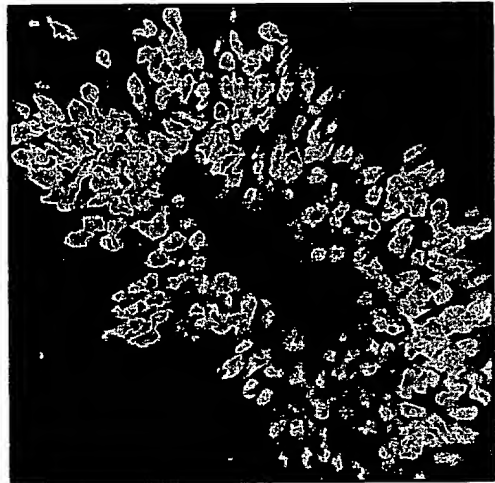


FIG. 8c

FIG. 9a

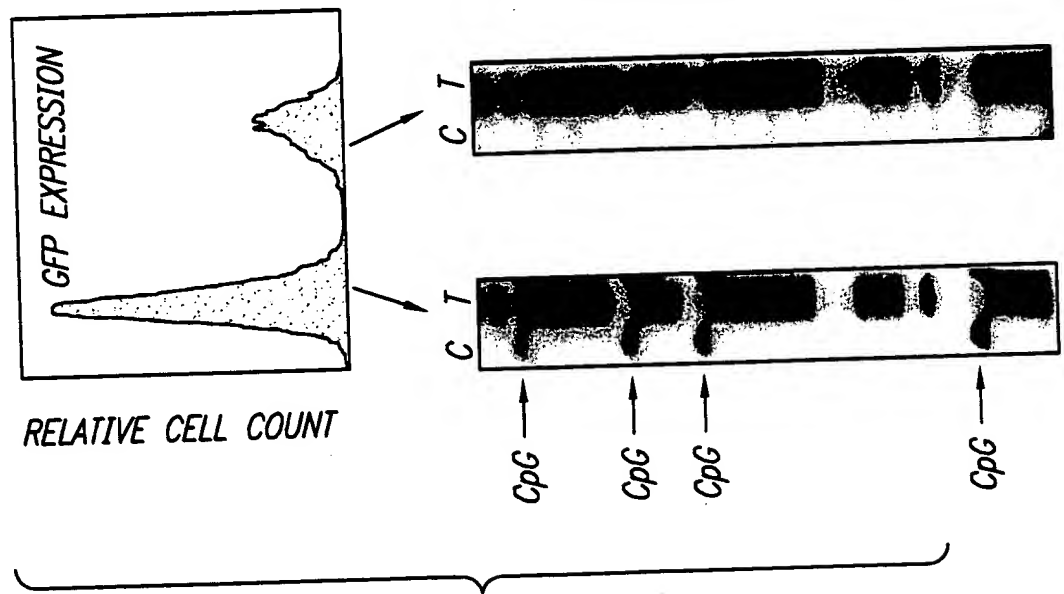


FIG. 9b

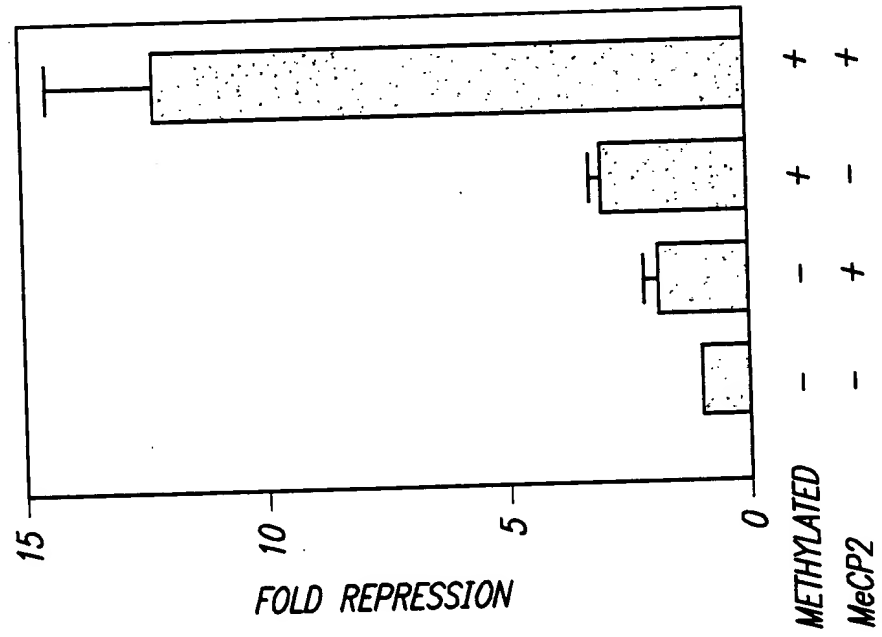


FIG. 10a

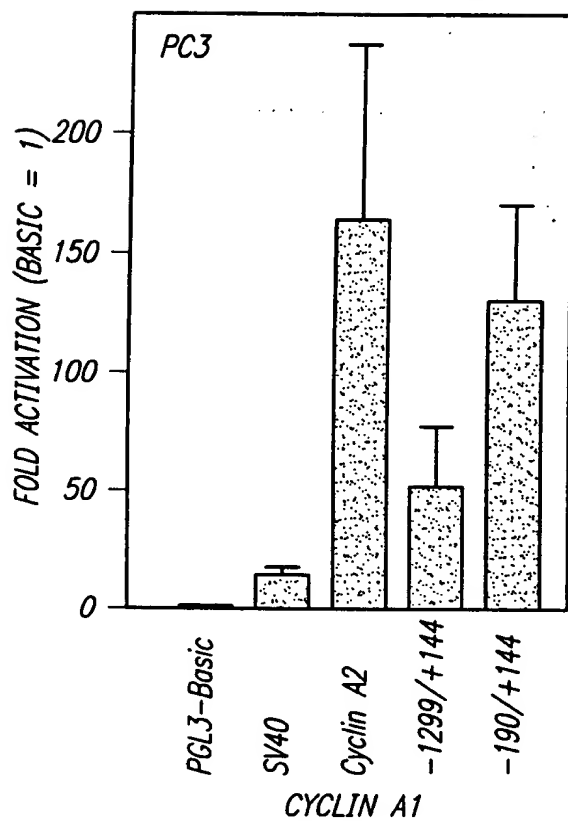


FIG. 10b

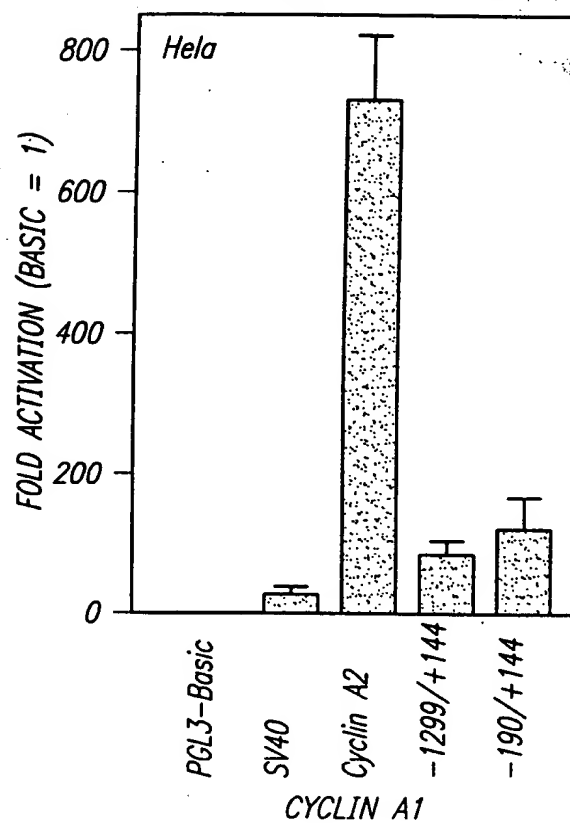


FIG. 10c

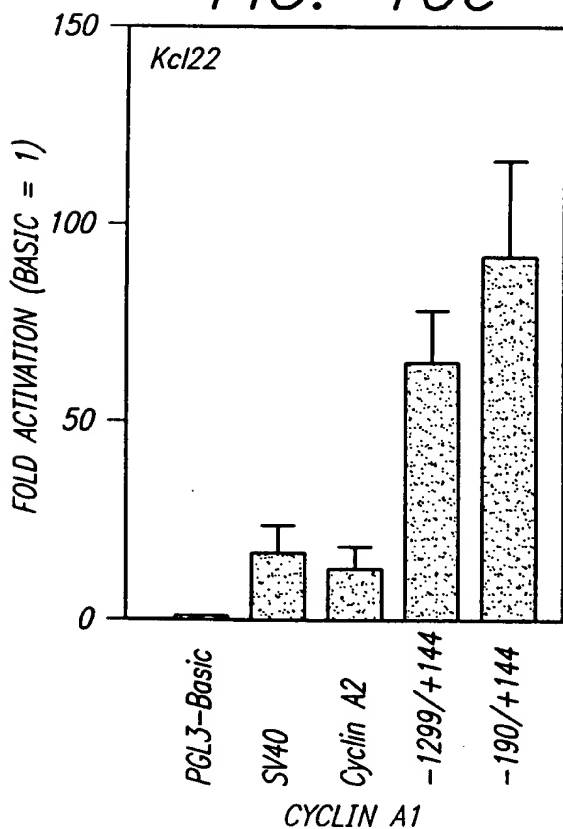


FIG. 10d

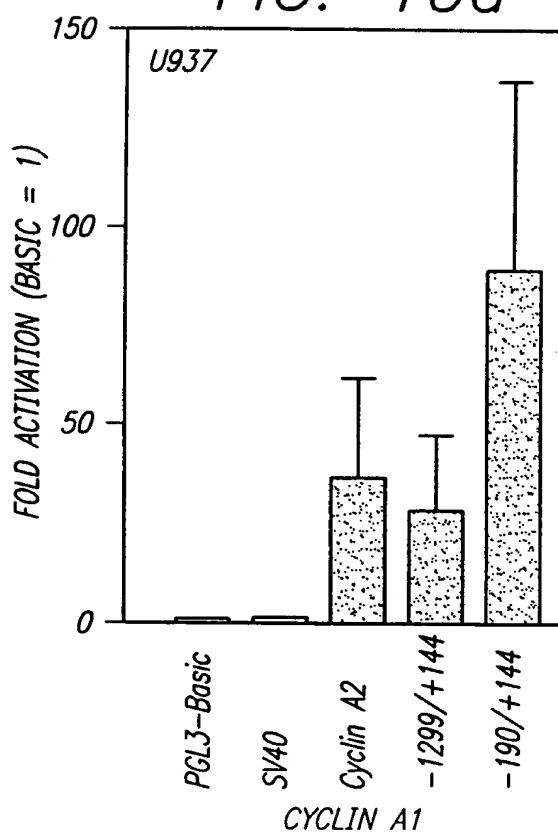


FIG. 11a

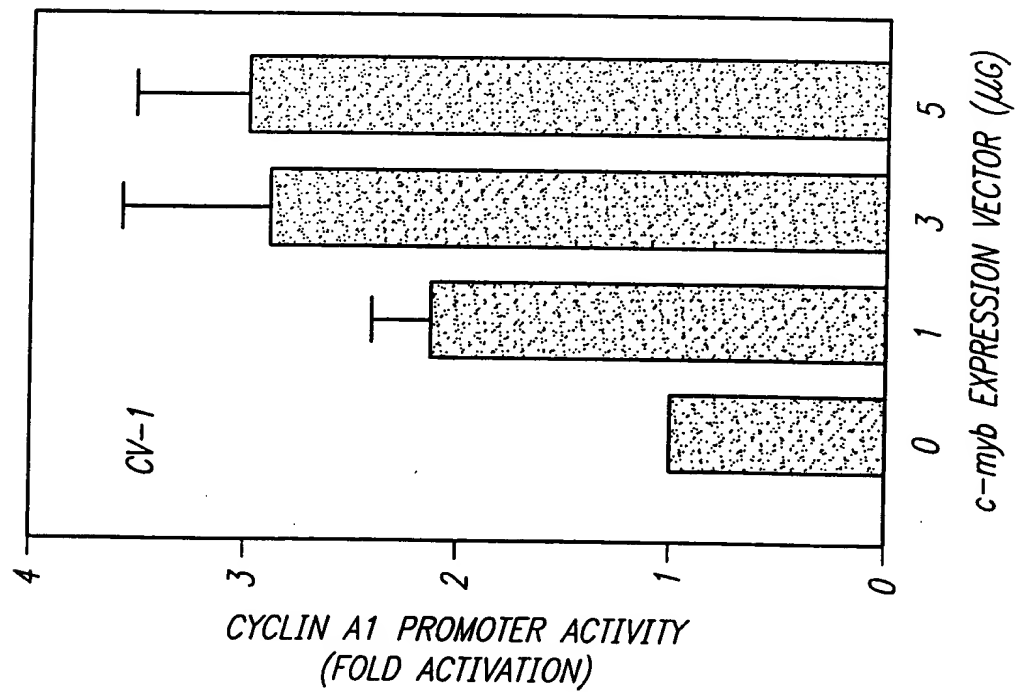


FIG. 11b

